

Claims

1. Wiper lever (10) with a driven wiper arm (12) and a wiper blade (14) linked to it for cleaning the windows of motor vehicles in particular, which is provided with a band-like, long-stretched-out, elastic supporting element (22) that is curved in the longitudinal direction over its band surfaces (26, 28), which features a rubber elastic wiper strip (30) that can be applied to the window on its concave curved band surface (26), on whose convex curved band surface (28) a coupling element (20) sits to connect the wiper blade to a coupling piece (18) of the wiper arm and the articulated connection is covered by a cap (100) that is held on the wiper blade, characterized in that this articulated connection has at its disposal means to secure the connection between the wiper arm (12) and the wiper blade (14) that can be actuated with at least one handle (80) and that the cap (100) accommodates the handle (80).
2. Wiper lever according to Claim 1, characterized in that an adapter (40), which can be connected to the coupling piece (18) of the wiper arm and is a part of the articulated connection, is linked to the coupling element (20) of the wiper blade, on which adapter the handle (80) for the securing means is arranged and that the embodiment of the cap (100) permits the actuation of the securing means.
3. Wiper lever according to Claim 2, characterized in that the adapter (40) composed of an elastic plastic has locking means that form the securing means, that can be actuated via the handle (80) and that can be deflected against a restoring force transverse to the longitudinal extension of the supporting element (22) in an at least almost parallel plane to its band width, which locking means cooperate with counter locking means embodied on the coupling piece (18) of the wiper arm.
4. Wiper lever according to one of Claims 2 or 3, characterized in that the cap (100) is embodied to be trough-like with its trough edge (102) facing the supporting element (22), that the cap is provided with a penetration opening (104) for the wiper arm and that the adapter (40) is equipped with the handle (80) projecting towards the longitudinal trough wall (106) of the cap.

5. Wiper lever according to Claim 4, characterized in that the trough wall (106) of the cap (100) that is adjacent to the handle (80) is provided with a recess (112) allocated to this handle.
- 5 6. Wiper lever according to Claim 5, characterized in that the handle (80) projects into this recess (112).
7. Wiper lever according to Claim 4, characterized in that the trough wall (121) of the cap (120) that is adjacent to the handle is provided on its inner side with a groove-like indentation (122), which extends from the passage (123) to the trough edge (124) and
10 that the handle (80) projects into this indentation (122).
8. Wiper lever according to Claim 4, characterized in that the trough wall (131) of the cap (130) manufactured of an elastic plastic that is adjacent to the handle (80) features
15 an elastically yielding area (133) that is allocated to the handle.
9. Wiper lever according to Claim 8, characterized in that the elastically yielding area (133) is formed by at least one slot-like break-through (134) in the trough wall (131) that partially encompasses this area.
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10. Wiper lever according to one of Claims 8 or 9, characterized in that the elastically yielding area (133) of the trough wall (131) is provided with a support (136) on its inner side that extends towards the handle (80).
- 25 11. Wiper lever according to one of Claims 3 through 10, characterized in that the securing means feature two handles (80) arranged at a distance from one another in their deflected direction, wherein the securing of the connection between the wiper arm (12) and the wiper blade (14) is detached in the deflected position of the handles (80) when they approach one another.
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12. Wiper lever according to one of Claims 1 through 11, characterized in that the cap (130) is locked with the supporting element (22) of the wiper blade (14).

13. Wiper lever according to one of Claims 1 through 12, characterized in that the supporting element (22) is provided with at least two limit stops (36) each pointing in opposing longitudinal directions, to which corresponding counter limit stops (143) of the cap (130) are allocated.

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14. Wiper blade for cleaning the windows of motor vehicles in particular with a band-like, long-stretched-out, elastic supporting element (22) that is curved in the longitudinal direction over its band surfaces (26, 28), on whose concave curved band surface (26) a rubber elastic wiper strip (30) is situated and on whose convex curved band surface (28) a coupling element (20) is arranged to connect the wiper blade (14) to a driven wiper arm (12) in an articulated manner, wherein the coupling element (20) is provided with an adapter (40), which features means to secure the wiper blade on the wiper arm, which can be moved from a locked position into an unlocked position, so that the coupling element (20) and its adapter (40) are covered by a cap (100) featuring a passage (104) for the wiper arm (12), whose embodiment permits the actuation of the securing means.

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